Table ENG-2. - Construction Materials

Westmoreland County, Virginia

The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.00 to 0.99. The smaller the value, the greater the limitation.

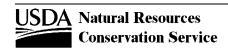
Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Material		Potential Source of Roadfill		Potential Source of Topsoil	
	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
1A:							
Ackwater	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell Depth to saturated	0.13 0.76	Too acid Depth to saturated	0.60 0.76
		Too acid	0.50	zone	0.76	zone	0.76
Emporia		Not Rated		Not Rated		Not Rated	
Montross		Not Rated		Not Rated		Not Rated	
Savannah		Not Rated		Not Rated		Not Rated	
1B:							
Ackwater	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of	0.13	Shrink-swell	0.13	Too acid	0.60
		organic matter Too acid	0.50	Depth to saturated zone	0.76	Depth to saturated zone	0.76
Emporia		Not Rated		Not Rated		Not Rated	
Montross		Not Rated		Not Rated		Not Rated	
Savannah		Not Rated		Not Rated		Not Rated	
2:							
Bibb	50	Fair		Poor		Poor	
		Too acid Low content of	0.12 0.88	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		organic matter				Too acid	0.60
Levy	30	Poor		Poor		Poor	
		Sodium content Too clayey	0.00 0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Too acid	0.12	Low strength	0.00	Sodium content	0.00
				Shrink-swell	0.13	Too Clayey	0.00
Bohicket		Not Rated		Not Rated		Not Rated	
Catpoint		Not Rated		Not Rated		Not Rated	
Rappahannock		Not Rated		Not Rated		Not Rated	

Map Symbol and Soil Name	Potential Source Pct of Reclaimation Mail)	Potential Sourc of Topsoil		
	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	
3: Bohicket	85	Poor		Poor		Poor		
Donicket	00	Sodium content	0.00	Depth to saturated	0.00	Depth to saturated	0.00	
		Too clayey	0.00	zone		zone		
		Salinity	0.50	Low strength Shrink-swell	0.00 0.13	Sodium content Salinity	0.00 0.00	
Rappahannock		Not Rated		Not Rated		Not Rated		
4:								
Bojac	80	Poor		Good		Fair		
		Wind erosion	0.00			Too acid	0.92	
		Low content of organic matter	0.13					
		Too acid	0.39					
Pamunkey		Not Rated		Not Rated		Not Rated		
Tetotum		Not Rated		Not Rated		Not Rated		
5B:								
Catpoint	85	Poor		Good		Poor		
		Too sandy	0.00			Too sandy	0.00	
		Wind erosion Low content of	0.00 0.13			Hard to reclaim	0.00	
		organic matter	0.10					
Bojac		Not Rated		Not Rated		Not Rated		
Nansemond		Not Rated		Not Rated		Not Rated		
Rumford		Not Rated		Not Rated		Not Rated		
6B:								
Emporia	80	Poor		Poor		Poor		
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00	
		Low content of organic matter	0.13	Shrink-swell	0.91	Too acid	0.98	
		Too acid	0.54					
Kempsville		Not Rated		Not Rated		Not Rated		
Suffolk		Not Rated		Not Rated		Not Rated		
7A:								
Kempsville	75	Fair		Good		Fair		
		Low content of organic matter	0.13			Too acid	0.98	
		Too acid	0.54					
Emporia		Not Rated		Not Rated		Not Rated		
•								

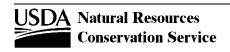
Map Symbol and Soil Name	Potential Source Pct of Reclaimation Mate					Potential Source of Topsoil		
	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	
7A:		Net Detect		Net Detect		Net Detect		
Savannah		Not Rated		Not Rated		Not Rated		
Suffolk		Not Rated		Not Rated		Not Rated		
7B:								
Kempsville	70	Fair		Good		Fair		
		Low content of organic matter	0.13			Too acid	0.98	
		Too acid	0.54					
Emporia		Not Rated		Not Rated		Not Rated		
Savannah		Not Rated		Not Rated		Not Rated		
8:								
Leaf	85	Poor		Poor		Poor		
		Too clayey Low content of	0.00 0.13	Low strength Depth to saturated	0.00	Too Clayey Depth to saturated	0.00 0.00	
		organic matter		zone		zone		
		Too acid	0.50	Shrink-swell	0.13	Too acid	0.60	
Lenoir		Not Rated		Not Rated		Not Rated		
Lumbee		Not Rated		Not Rated		Not Rated		
Tetotum		Not Rated		Not Rated		Not Rated		
9:								
Lenoir	80	Poor		Poor		Poor		
		Too clayey Low content of	0.00 0.13	Low strength	0.00 0.29	Too Clayey	0.00 0.29	
		organic matter	0.13	Depth to saturated zone	0.29	Depth to saturated zone	0.29	
		Too acid	0.50	Shrink-swell	0.87	Too acid	0.60	
Leaf		Not Rated		Not Rated		Not Rated		
Tetotum		Not Rated		Not Rated		Not Rated		
10:								
Lumbee	85	Fair		Poor		Poor		
		Low content of organic matter	0.02	Depth to saturated zone	0.00	Depth to saturated zone	0.00	
		Too acid	0.50	20116		Too acid	0.88	
		Droughty	>0.99					
Bibb		Not Rated		Not Rated		Not Rated		
Leaf		Not Rated		Not Rated		Not Rated		
Nansemond		Not Rated		Not Rated		Not Rated		

Map Symbol and Soil Name	Potential Source Pct of Reclaimation Material of			Potential Source of Roadfill		Potential Source of Topsoil	
	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
11A:	•						<u> </u>
Montross	90	Fair		Poor		Fair	
		Low content of	0.13	Low strength	0.00	Too Clayey	0.19
		organic matter Too clayey	0.32	Depth to saturated zone	0.29	Depth to saturated zone	0.29
		Too clayey Too acid	0.50	Shrink-swell	0.96	Too acid	0.60
Ackwater		Not Rated		Not Rated		Not Rated	
11B:							
Montross	85	Fair		Poor		Fair	
		Low content of	0.13	Low strength	0.00	Too Clayey	0.19
		organic matter		Depth to saturated	0.29	Depth to saturated	0.29
		Too clayey	0.32	zone	0.00	zone	0.00
		Too acid	0.50	Shrink-swell	0.96	Too acid	0.60
Ackwater		Not Rated		Not Rated		Not Rated	
12:							
Nansemond	80	Fair		Fair		Fair	
		Low content of organic matter	0.13	Depth to saturated zone	0.53	Depth to saturated zone	0.53
		Too acid	0.50			Too acid	0.60
Rumford		Not Rated		Not Rated		Not Rated	
State		Not Rated		Not Rated		Not Rated	
Tetotum		Not Rated		Not Rated		Not Rated	
13:							
Pamunkey	90	Fair		Good		Good	
,		Low content of organic matter	0.13				
Bojac		Not Rated		Not Rated		Not Rated	
Tetotum		Not Rated		Not Rated		Not Rated	
14:							
Pits	100	Not Rated		Not Rated		Not Rated	
15:							
Rappahannock	85	Poor		Poor		Poor	
		Sodium content Salinity	0.00 0.97	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Jaminy	0.91	Low strength	0.00	Sodium content Content of organic	0.00 0.00
						matter	
Bohicket		Not Rated		Not Rated		Not Rated	

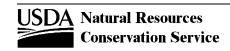
Map Symbol and Soil Name	Pct of		Potential Source Poten of Reclaimation Material of)	Potential Source of Topsoil	
	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
15: Pamunkey		Not Rated		Not Rated		Not Rated	
16B:							
Rumford	80	Fair Low content of organic matter Too acid	0.13 0.50	Good		Fair Too acid Too sandy	0.76 >0.99
		Too sandy	>0.99				
Nansemond		Not Rated		Not Rated		Not Rated	
State		Not Rated		Not Rated		Not Rated	
Tetotum		Not Rated		Not Rated		Not Rated	
17E:							
Rumford	75	Poor Wind erosion Low content of organic matter Too acid	0.00 0.13 0.50	Poor Slope	0.00	Poor Slope Too acid Too sandy	0.00 0.76 >0.99
Ackwater		Not Rated		Not Rated		Not Rated	
Bibb		Not Rated		Not Rated		Not Rated	
Emporia		Not Rated		Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated		Not Rated	
18D:							
Rumford	45	Poor		Good		Fair	
		Wind erosion Low content of	0.00 0.13			Slope Too acid	0.63 0.76
		organic matter	0.10			Too sandy	>0.70
		Too acid	0.50			·	
Tetotum	30	Fair		Fair		Fair	
		Low content of organic matter	0.13	Depth to saturated zone	0.53	Depth to saturated zone	0.53
		Too acid	0.50			Too acid Slope	0.60 0.63
Ackwater		Not Rated		Not Rated		Not Rated	
Emporia		Not Rated		Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated		Not Rated	
19A:							



Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Material		Potential Source of Roadfill		Potential Source of Topsoil	
	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
19A:	•		•		•		•
Savannah	85	Poor Depth to cemented	0.00	Poor Depth to cemented	0.00	Poor Depth to cemented	0.00
		pan	0.00	pan	0.00	pan	0.00
		Too acid	0.12	Depth to saturated	0.76	Too acid	0.60
		Droughty	0.16	zone		Depth to saturated zone	0.76
Kempsville		Not Rated		Not Rated		Not Rated	
Suffolk		Not Rated		Not Rated		Not Rated	
19B:							
Savannah	85	Poor	0.00	Poor	0.00	Poor	0.00
		Depth to cemented pan	0.00	Depth to cemented pan	0.00	Depth to cemented pan	0.00
		Too acid	0.12	Depth to saturated	0.76	Too acid	0.60
		Droughty	0.16	zone		Depth to saturated zone	0.76
Kempsville		Not Rated		Not Rated		Not Rated	
Suffolk		Not Rated		Not Rated		Not Rated	
20A:							
State	90	Fair		Poor		Fair	
		Low content of	0.13	Low strength	0.00	Too acid	0.60
		organic matter Too acid	0.50				
Rumford		Not Rated		Not Rated		Not Rated	
Tetotum		Not Rated		Not Rated		Not Rated	
20B:							
State	90	Fair		Poor		Fair	
		Low content of organic matter	0.13	Low strength	0.00	Too acid	0.60
		Too acid	0.50				
Rumford		Not Rated		Not Rated		Not Rated	
Tetotum		Not Rated		Not Rated		Not Rated	
21A:							
Suffolk	80	Fair		Good		Fair	
		Low content of organic matter	0.13			Too acid	0.76
		Too acid	0.21				
Emporia		Not Rated		Not Rated		Not Rated	
Епіропа		Not Natou		. Tot i tatou		Not nated	



Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Material		Potential Source of Roadfill		Potential Source of Topsoil	
	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
21A:							
Kempsville		Not Rated		Not Rated		Not Rated	
Rumford		Not Rated		Not Rated		Not Rated	
Savannah		Not Rated		Not Rated		Not Rated	
21B:							
Suffolk	80	Fair Low content of organic matter Too acid	0.13 0.21	Good		Fair Too acid	0.76
Emporia		Not Rated		Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated		Not Rated	
Rumford		Not Rated		Not Rated		Not Rated	
Savannah		Not Rated		Not Rated		Not Rated	
22A:							
Tetotum	80	Fair Low content of organic matter Too acid	0.13 0.50	Fair Depth to saturated zone	0.53	Fair Depth to saturated zone Too acid	0.53 0.60
Lumbee		Not Rated		Not Rated		Not Rated	
Nansemond		Not Rated		Not Rated		Not Rated	
Rumford		Not Rated		Not Rated		Not Rated	
State		Not Rated		Not Rated		Not Rated	
22B:							
Tetotum	80	Fair Low content of organic matter Too acid	0.13 0.50	Fair Depth to saturated zone	0.53	Fair Depth to saturated zone Too acid	0.53 0.60
Nansemond		Not Rated	0.50	Not Rated		Not Rated	0.00
Rumford		Not Rated		Not Rated		Not Rated	
State		Not Rated		Not Rated		Not Rated	
		Hot Rated		. Tot Hated		Hot Rated	
23A:							



Map Symbol and Soil Name	Pct of	Potential Source of Reclaimation Material		Potential Source of Roadfill		Potential Source of Topsoil	
and con Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
23A:	•		•				
Turbeville	85	Fair		Good		Fair	
		Low content of organic matter	0.13			Too Clayey Too acid	0.36 0.88
		Too acid	0.32				
		Too clayey	0.50				
Emporia		Not Rated		Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated		Not Rated	
23B:							
Turbeville	85	Fair		Good		Fair	
		Low content of organic matter	0.13			Too Clayey Too acid	0.36 0.88
		Too acid	0.32				
		Too clayey	0.50				
Emporia		Not Rated		Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated		Not Rated	
23C:							
Turbeville	85	Fair		Good		Fair	
		Low content of	0.13			Too Clayey	0.36
		organic matter Too acid	0.00			Too acid	0.88
		Too acid Too clayey	0.32 0.50				
			0.00				
Emporia		Not Rated		Not Rated		Not Rated	
Kempsville		Not Rated		Not Rated		Not Rated	
W:							
Water	100	Not Rated		Not Rated		Not Rated	